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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/940,632	08/29/2001	Yoshiyuki Shiwaku	2001_1053A	5600

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WASHINGTON, DC 20006-1021

EXAMINER

ELAMIN, ABDELMONIEM I

ART UNIT	PAPER NUMBER
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2116

8

DATE MAILED: 02/17/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/940,632

Applicant(s)

SHIWAKU ET AL.

Examiner

A Elamin

Art Unit

2116

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 19 July 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 10-27 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 10-12, 14-18, 20-24 and 27 is/are rejected.
- 7) ☐ Claim(s) 13, 19 and 25 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)             | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date. _____  |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____   | 6) <input type="checkbox"/> Other: _____                                    |

**DETAILED ACTION**

***Claim Rejections - 35 USC § 112***

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claim 14 recites the limitation "said rotatable shaft" in line 3. There is insufficient antecedent basis for this limitation in the claim.
3. Claim 20 recites the limitation "said rotatable shaft" in line 4. There is insufficient antecedent basis for this limitation in the claim.
4. Claim 26 recites the limitation "said rotatable shaft" in line 3. There is insufficient antecedent basis for this limitation in the claim.

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. Claims 10-12, 16-18 and 22-24 are rejected under 35 U.S.C. 102(b) as being anticipated by Hosoi et al, US. Pat. No. 5,255,154.
6. Claim 10, Hosoi teaches an information terminal [Fig. 1], comprising;

a case having a memory device section for accommodating a detachable memory device  
[Figs 1 and 2, title, abstract];

a locking device fixed to said case [Lock device 32 of Figs 2 and 5] and being changeable  
between a locked state and an unlocked state by a lock manipulation part [element 55 of Figs 2],  
said locking device remaining fixed to said case in both locked state and unlocked state [see Figs  
1 and 2];

a lid, removable between an open state and a closed state, for covering said memory  
device accommodating section and preventing removal of the detachable memory device from  
said memory device accommodating section when in closed state [element 33 of Fig. 2,  
abstract]; and

an interlocking lock mechanism operably interlocked with said locking device for retaining said  
lid in said closed state when said locking device is in said locked state and for allowing opening  
said lid when said locking device is in said unlocked state [the latch mechanism 40 of Figs 1 and  
10, col. 2, lines 30-35, col. 13, lines 20-25].

7. Claim 11, Hosoi teaches said interlocking lock mechanism locks said lid directly when  
changed from said unlocked state to said locked state [col. 2, lines 30-35].

8. Claim 12, Hosoi teaches a lid locking mechanism for locking and unlocking said lid  
manually, ... [col. 15, lines 55-64].

9. Claim 16, Hosoi teaches said interlocking mechanism comprises a member extending  
away from said locking device such that a position at which said interlocking lock mechanism  
engages said lid when retaining said lid in said closed state is remote from said locking device  
[col. 15, lines 55-64].

10. Claim 17, Hosoi teaches said interlocking lock mechanism locks said lid directly when changed from said unlocked state to said locked state [*col. 2, lines 30-35*].

11. Claim 18, Hosoi teaches a lid locking mechanism for locking and unlocking said lid manually, ... [*col. 15, lines 55-64*].

12. Claim 22, Hosoi teaches a power switch mounted to said case for enabling at least one of powering said information terminal on and powering said information terminal off [*inherently, laptop computers have a power switch mounted to the case*].

13. Claim 23, Hosoi teaches said interlocking lock mechanism locks said lid directly when changed from said unlocked state to said locked state [*col. 2, lines 30-35*].

14. Claim 24, Hosoi teaches a lid locking mechanism for locking and unlocking said lid manually, ... [*col. 15, lines 55-64*].

***Claim Rejections - 35 USC § 103***

15. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

16. Claims 15, 21 and 27 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hosoi et al, US. Pat. No. 5,255,154.

17. Claims 15, 21 and 27, Hosoi fails to teach the information terminal comprises a wireless communication function.

Official notice is taken that both the concept and the advantages of having a wireless function built in an information terminal, such as a laptop, is old and well known in the

art as admitted by Applicant [*see the specification of the instant application, page 1, lines 11-14*].

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Hosoi to include a wireless communication function, because it improves portability by eliminating the need for cables.

***Allowable Subject Matter***

18. Claims 13, 19 and 25 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

19. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

*Conclusion*

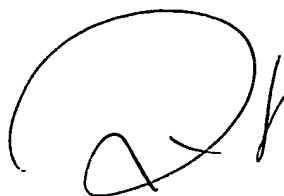
Any inquiry concerning this communication or earlier communications from the examiner should be directed to A Elamin whose telephone number is (571) 272-3674. The examiner can normally be reached on MON-FRI 9:30 AM - 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynne Browne can be reached on (571) 272-3670. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A Elamin  
Primary Examiner  
Art Unit 2116

February 12, 2005

 **A. ELAMIN**  
**PRIMARY EXAMINER**